

DCII Lesson Learned /Technical Tips – Designer #004

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Date (mm/dd/yyyy): 11/18/99 Organization: DFAS-KC/ITD

Action:

☒ Add (new lesson learned)

☐ Modify (add to existing) Original Lesson Learned ID:

☐ Delete (problem resolved and should not recur) Original Lesson Learned ID:

Type:

☒ Problem (a problem to avoid, or work-around)

☐ Recommended practice (potential standard)

Category:

☒ Designer

☐ Developer

☐ Oracle Database

☐ UNIX

☐ SQL*plus

☐ SQL*loader

☐ Oracle Reports

☐ Impromptu

☐ Powerplay

☐ Other (please specify:)

Project Phase:

☐ Not Applicable

☐ Analysis (Concept Development)

☐ Design

☒ Development

☐ Deployment

Statement of Problem/Tip (Be concise and precise):

When transforming a super-type entity using the Database Design Transformer, the tool does not always produce a single table combining the super and sub-type entities. Invoking the Transformer from the Designer Front Panel or the Repository Object Navigator results in generating multiple tables instead of one, even though the documentation indicates that a single table is the default.

Statement of Solution or Work-around:

In order to produce a single table, the Transformer must be invoked from the Entity Relationship Diagrammer. Once an ER diagram is displayed and the transformer is invoked, the Customize mode should be used. The super-type entity should either be included in the 'IN SET' column/table mappings tab or should have been selected on the diagram prior to beginning the transformation. Ensure that none of the sub-type entities are selected or included in the 'IN SET' column/table mappings tab.

Recommended Practice:

In order to transform a super-type entity with sub-type entities into a single table, invoke the Database Design Transformer only from the Entity Relationship Diagrammer. (Not from the main screen or the RON). Use the customize mode, selecting only the super-type entity. Other transform methods will produce multiple tables.

